

-a setting tool for driving said first cylindrical member into said top swage and radially deforming said first cylindrical anchoring member so that said first plurality of circumferential ribs are expanded outward; and

^{D₁}
(could)
5 -an extension member having a first end attached to said first cylindrical anchoring member.

24. The apparatus of claim 23 further comprising:

-a second cylindrical anchoring member attached to a second end of said extension member, said second cylindrical anchoring member including a second plurality of
10 circumferential ribs disposed about said second cylindrical anchoring member, said second plurality of circumferential ribs being configured to provide a substantially metal-to-metal seal with the tubular member;

-a bottom swage member disposed within said second cylindrical anchoring member;

^{D₂}
15 -and wherein said setting tool is further adapted for driving said bottom swage member into said second cylindrical anchoring member and radially deforming said second cylindrical anchoring member so that said second plurality of circumferential ribs are expanded outward.

20 34. An apparatus for sealing and anchoring within a tubular member disposed in a wellbore, the apparatus comprising:

^{D₃}
-a top swage member;

-a first cylindrical sleeve being at least partially disposed within said top swage,

said first sleeve including a first plurality of circumferential ribs disposed thereon for forming a substantially metal-to-metal seal with the tubular member and a first elastomeric seal spaced apart from said first plurality of circumferential ribs, said ribs at least partially embedding in the tubular member to form said seal;

5 -a setting tool for driving said top swage member into said first cylindrical sleeve and wherein driving of said top swage member radially deforms said first cylindrical sleeve so that said first cylindrical sleeve expands radially outward.

35. The apparatus of claim 34 further comprising:

D₃ 10 -a second cylindrical sleeve connected to said first cylindrical sleeve, said second
(cond) cylindrical sleeve including a second plurality of circumferential ribs disposed thereon for forming a substantially metal-to-metal seal with the tubular member;

-a bottom swage member disposed within said second cylindrical sleeve;

-and wherein said setting tool is further adapted for driving said bottom swage
15 into said second cylindrical sleeve such that said swage member radially deforms said second cylindrical sleeve so that said second cylindrical sleeve expands radially outward.

38. An apparatus for anchoring a downhole assembly in a tubular member disposed in a wellbore, comprising:

20 -an anchoring member associated with the downhole assembly, said anchoring member including a substantially circumferential rib element for providing a substantially metal-to-metal seal with the tubular member when radially expanded into engagement with the tubular member
D₄ such that said rib at least partially embeds in the tubular member.

44. An apparatus for anchoring a downhole assembly in a tubular member disposed in a wellbore, comprising:

an anchoring member for affixing the downhole assembly to the tubular member, said anchoring member having a metal rib element for engaging the tubular member when radially expanded, said anchoring member at least partially embedding in the tubular member when expanded to provide a circumferential seal, said anchoring member being substantially free of an elastomeric sealing element.

48. An anchoring system for use in a wellbore having a tubular disposed therein, comprising:

- (a) a downhole tool for performing a predetermined task in the wellbore;
 - (b) an anchoring assembly for affixing said tool in the tubular, said anchoring assembly including a sealing member provided with a rib element adapted to form a substantially metal-to-metal seal with the tubular when expanded such that said rib element at least partially embeds in the tubular; and
 - (c) a setting tool for expanding said rib element.
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